

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

482nd Regular Board Meeting
Thursday, April 7, 2005 – 9:00 a.m.

ITEM NO. 13

ORDER NO. R4-2005-XXXX
NPDES No. CA0053856

WASTE DISCHARGE REQUIREMENTS
FOR
THE CITY OF LOS ANGELES
(TERMINAL ISLAND TREATMENT PLANT)

CHANGE SHEET

(Additions are underlined, deletions are lined over)

*The following changes on the Compliance History and revised
Order are clarifications suggested by Board Staff.*

COMPLIANCE HISTORY

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1998 Effluent			
Pollutant	Date Sampled	Reported Value	Limit
Chronic toxicity ^[1]	July	3.3 TUc	1 TUc
Turbidity ^[2]	12/31/1998	2.6 NTU	2.0 NTU
MBAS (East Plant) ^[2]	03/02/98	0.58 mg/L	0.5 mg/L
MBAS (East Plant) ^[2]	04/13/98	0.73 mg/L	0.5 mg/L
MBAS (East Plant) ^[2]	11/03/98	0.60 mg/L	0.5 mg/L

FACT SHEET (FS)

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3.A. Wastewater Processing - consists of preliminary treatment (bar screening and aerated grit removal), primary treatment (primary sedimentation), secondary treatment (secondary clarification and activated sludge biological treatment), tertiary treatment (effluent filtration), and ~~effluent chlorination and dechlorination~~. Under normal operating conditions, the discharge of the tertiary-treated effluent to the Harbor is not chlorinated. ~~Chlorine is added to the discharge only during emergency conditions when primary or secondary treated effluent is discharged to the Harbor. If the brine...~~

3.A.f. ~~**Chlorination**~~ - Sodium hypochlorite is used as a disinfectant in the TITP. Disinfectant is added to the effluent in order to destroy bacteria, pathogens and viruses, and to minimize algal growth in the filters.

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3.A.g. ~~**Dechlorination**~~ - Sulfur dioxide is added to neutralize the chlorine prior to brine discharged to the Los Angeles Harbor.

3.B.c. The brine waste stream generated from the AWTF is allowed to be discharged into the Harbor. If the brine contains chlorine, then it is dechlorinated prior to being discharged into the Harbor. Sodium bisulfate is added to neutralize any chlorine added to the brine prior to discharge to the Los Angeles Harbor.

WASTE DISCHARGE REQUIREMENTS (Permit)

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6.A. Wastewater Processing - consists of preliminary treatment (bar screening and aerated grit removal), primary treatment (primary sedimentation), secondary treatment (secondary clarification and activated sludge biological treatment), tertiary treatment (effluent filtration), ~~and effluent chlorination and dechlorination.~~ Under normal operating conditions, the discharge of the tertiary-treated effluent to the Harbor is not chlorinated. ~~Chlorine is added to the discharge only during emergency conditions when primary or secondary treated effluent is discharged to the Harbor. If the brine...~~

Agenda Page 13-95 (Permit Page 3)

6.B.c. The brine waste stream generated from the AWTF is allowed to be discharged into the Harbor. If the brine contains chlorine, then it is dechlorinated prior to being discharged into the Harbor. Sodium bisulfate is added to neutralize any chlorine added to the brine prior to discharge to the Los Angeles Harbor.

Agenda Page 13-137 (Permit Page 45)

12. The Discharger shall submit a summary report to this Regional Board by ~~March 31, 2005~~ May 27, 2006, on the management and maintenance of the Discharger collection system...The City may, in lieu of duplicative reporting, submit a summary report required by other entities or agencies, which provides the information required by this provision.

Agenda Page 13-138 (Permit Page 46)

7. This Order may be reopened and modified to revise the acute and chronic toxicity effluent limitations, to the extent necessary, to be consistent with State Board precedential decisions, new policies, new laws, or new regulations.

9. This Order can be reopened, if the SIP is revised to include longer compliance schedules in NPDES permits, and if EPA approves such a revision.

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MONITORING AND REPORTING PROGRAM (MRP)

Agenda Page 13-146 (MRP page T-5)

7.A. For spills, overflows, or bypass of 500 gallons ~~or more~~ that flowed to receiving waters or entered a shallow ground water aquifer or for spills, overflows, or bypass of 1000 gallons or more, which have public exposure, the Discharger shall...

Agenda Page 13-151 (MRP Page T-10)

2.*. There is no such ... an approval by the Executive Officer. An extension may be granted by the Executive Officer for good cause.

Agenda Page 13-165 (MRP Page T-24)

2.B.c. If a kelp bed is present at any 17 harbor stations, sampling shall be conducted at the edge of the kelp bed. The actual locations of all sampling stations shall be reported in the monthly monitoring reports.

If another stakeholder, or interested party in the watershed conducts a similar study or similar monitoring as that which is specified in this MRP, then the Discharger may, in lieu of duplicative sampling, submit the results of the study and other relevant information, such as raw data, related QA/QC documentation, etc., in the corresponding monitoring report.

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